

Product datasheet for MC223545

Kif1c (NM_153103) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif1c (NM_153103) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif1c
Synonyms:	B430105J22Rik; D11Bwg1349e; Ltxs1; Orch3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223545 representing NM_153103 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGGAGCCTCCGTGAAAGTTGCAGTGAGGGTTCGGCCCTTAAATGCCCGTGAGACCAGCCAGGATG
CCAAGTGTGTGGTCAGCATGCAGGGCAACACCACCTCCATCATTAAATCCCAAACAGAGCAAGGATGCCCC
AAAAGCTTCACCTTCGACTATTCTTACTGGTCGCATACTTCGGTGGAGGATCCGCAGTTTGCATCTCAG
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CATTGTGCCTCAGCTCTGTGAGGACCTCTCTCTCGAGTCAATGTGAACCAGAGTGCCCGAGCTTTCCTAT
TCAGTAGAGGTGAGCTATATGAAATCTATTGCGAGCGAGTACGAGACCTCTTGAACCCCAAGAGTCGGG
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TGCTTACCTGGCTGCTCAAGGAGAAATTTGGGTGGAACTCTCGCACAGCAATGATTGCAGCCCTGAGTCC
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TCTGAGAAATGGAGAGAGAAGCATTGCTGGCTGAGATGGGCGTGGCTGTCCGGGAGGATGGCGGTACTGTG
GGTGTCTCTCTCAAAAAGACTCCCCACCTGGTAAATCTGAATGAGGACCCTTGATGTCTGAATGTC



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TTCTCTACCACATCAAAGATGGCGTCACCAGGGTTGGCCAAGTAGATGTGGACATCAAGTTGACTGGCCA
GTTTCATCCGGGAGCAGCATTGCCTCTTCCGAGCATCCCTCAGCCTGATGGAGAAGTGTGGTTACTCTG
GAGCCTTGTGAAGGAGCTGAGACATATGTCAATGGGAAGCTCGTGACGGAGCCGCTGGTGTGAAGTCAG
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CGGCCACCTCACCACCTCTGTCCAGCTGGGAGCGGGTGTGAGATTGATGGAAGAGGACCTGCCTTCC
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CTGAAGAGTCACTGTCCCCCAGCACCCTAACCGTAGGCCTCAAGTCCCCGAAGACCCACCGTTC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_153103
- Insert Size:** 3303 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
- RefSeq:** [NM_153103.2](#), [NP_694743.2](#)

RefSeq Size:	6764 bp
RefSeq ORF:	3303 bp
Locus ID:	16562
UniProt ID:	O35071
Cytogenetics:	11 B3
Gene Summary:	Motor required for the retrograde transport of Golgi vesicles to the endoplasmic reticulum. Has a microtubule plus end-directed motility (By similarity).[UniProtKB/Swiss-Prot Function]